Notice of Allowability	Application No. 10/535,320	Applicant(s) WILLIS, DONALD HENRY	
	Examiner Paulos M. Natnael	Art Unit 2622	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *applicantion received 5/18/05*.

2. ☒ The allowed claim(s) is/are *1-11*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☐ All b) ☐ Some* c) ☐ None of the:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 5/18/05; 4/11/07
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

PAULOS NATNAEL
PRIMARY PATENT EXAMINER

DETAILED ACTION

Allowable Subject Matter

1. Claims **1-11** are allowed.

2. The following is an examiner's statement of reasons for allowance: the prior art (Gale being the closest reference discloses color display system with spatial light modulator having color-to-color variations in data sequencing) fails to disclose the following combination of limitations for displaying a first and second incoming pictures in sequence comprising, separating the first picture into sets of first picture segments, each set associated with a different primary color; interleaving the first picture segments in a first color sequence; separating the second picture into sets of second picture segments, each set associated with a different primary color; interleaving the second picture segments in a second color sequence in which at least the first and last second picture segments are each of different color than the first and last first picture segments, respectively, and sequentially displaying the first picture segments in the first color sequence; and thereafter sequentially displaying, as in claim 1; a method for successively displaying color pictures such that each picture appears during a picture interval, comprising, separating each successive picture into sets of segments, the number of sets of segments corresponding to a prescribed number of primary colors; imparting each of the primary colors in a prescribed sequence to a beam of light directed onto a light modulator, said each primary color imparted simultaneously with the application of a control signal to the light modulator causing the light modulator to

modulate the segment of the primary color for display on a display screen; and changing the sequence of primary colors imparted to the light directed onto the light modulator upon each next successive picture so that the primary color associated with at least a first and a last segment of said each next successive picture differs from the primary color associated with each of the first and last segments, respectively, of a preceding picture, as in claim 7; and, a sequential color display system for displaying successive pictures, comprising: a light source for producing a light beam; a light modulator lying within the optical path of the light beam for modulating the light beam onto a display screen; means for separating each successive picture into sets of segments, the number of sets of segments corresponding to a prescribed number of primary colors, and for applying control signals to a light modulator to cause the light modulator to generate said sets of segments such that each segment of a set is interleaved between segments of other sets; a color sequencing mechanism interposed between the light source and the light modulator for imparting to the light beam each of the primary colors in a prescribed sequence, said each primary color imparted simultaneously with the application of said each segment to the modulator, the color sequencing mechanism changing the sequence of primary colors imparted to the light directed onto the light modulator upon each next successive picture so that the primary color associated with at least a first and a last segment of said each next successive picture each differs from the primary color associated with each of the first and last segments, respectively, of a preceding picture, as in claim **10**.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Gale, 5,909,204, discloses color display system with spatial light modulator(s) having color-to-color variations in data sequencing.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paulos M. Natnael whose telephone number is (571) 272-7354. The examiner can normally be reached on 8AM-4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Ometz can be reached on (571)272-7593. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Paulos M. Natnael
Primary Patent Examiner
Art Unit 2622

January 17, 2008